



NITFS

Compliance Registration



Product: Geomatica Focus Import/Export Module

Sponsor: PCI Geomatics

Developer: PCI Geomatics

Date: 19 March 2009

Expiration: 18 March 2010

Registration #: 2066

- ☐ Initial Registration
☒ Supplemental/Update # 2049
☐ Derived from Reg. #

System

N-0105/98, §4.1.1



Product

N-0105/98, §4.1.2



Component

N-0105/98, §4.1.3

** NITF 2.0 feature

* NITF 2.1 feature

Complexity Level

NITF 2.1 CLEVEL							
	3	5	6	7			
Interpret							
Generate							
NITF 2.0 CLEVEL							
	1	2	3	4	5	6	Oth
Interpret							
Generate							

Configurations Tested:

NITFS Features Implemented:

Format

- NITF
☒ V2.1
☒ V2.0
☒ V1.1
☐ NSIF
☒ V1.0

Pixel Value Types

- ☐ Boolean
☒ Integer
☒ Signed Integer *
☒ IEEE Real *
☐ IEEE Complex *

Annotation Segment Types

- ☐ Bit Mapped **
☐ CGM, 2301
☐ CGM, 2301A
☐ Labels **

Text Segments

- ☐ STA
☐ UT1
☐ U8S
☐ MTF

Image Segment Types

- ☒ MONO
☒ RGB
☒ RGB/LUT
☒ YCbCr
☐ MULTI
☒ NODISPLAY
☐ POLAR

Image Compression

- ☒ Not Compressed
☒ JPEG Lossy, 8-bit
☒ JPEG Lossy, 12-bit
☐ JPEG Downsample
☒ JPEG Lossless
☒ JPEG 2000
☐ Bi-Level
☒ Vector Quantization

Data Extension Segments

- ☐ TRE_OVERFLOW
☐ STREAMING_FILE_HEADER
☐ Controlled Extensions **
☐ Registered Extensions **

Tagged Record Extensions

- ☐ DIGEST GeoSDE
☐ PIAE
☐ IOMAPA
☐ RPFDES
☐ RPFHDR
☐ RPFIMG
☐ ICHIPB
☐ RPC00B
☐ STDIDC
☐ USE00A

Legend

- Interpret
Generate
☒ Fully implemented
☒ Partially implemented
☐ Not implemented

Registration does not guarantee that a product will meet all users' requirements. Potential users should evaluate the detailed test results to determine the suitability of a product for the intended use. Optional NITFS features may not be implemented.

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Executive Agent to National Geospatial-Intelligence Agency for the NITFS Test and Evaluation Program